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**AMENDMENTS TO THE CLAIMS**

1-15. canceled

16. (currently amended) The method of claim ~~15~~ 25 wherein selecting the signal propagation time length comprises selectively coupling one or more capacitors to a propagation path of the signal timing circuit.

17. (currently amended) The method of claim ~~15~~ 25 wherein the non-volatile fuse circuit comprises a plurality of floating gate transistors.

18. (currently amended) The method of claim ~~15~~ 25 further comprises storing data from the non-volatile fuse circuit in a plurality of volatile latches.

19-24. canceled

25. (currently amended) A method of adjusting a signal timing circuit comprising:  
programming a non-volatile fuse circuit;  
selecting a signal propagation time length in response to the programmed non-  
volatile fuse circuit; and  
selecting a signal edge position in response to the programmed non-volatile fuse  
circuit; The method of claim 15,  
wherein selecting edge position comprises:  
selecting a single signal edge to move; and  
moving the selected signal edge relative to other signal edges.

26. (currently amended) A method of adjusting a signal timing circuit comprising:  
programming a non-volatile fuse circuit;  
selecting a signal propagation time length in response to the programmed non-  
volatile fuse circuit; and

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selecting a signal edge position in response to the programmed non-volatile fuse circuit;

~~The method of claim 15,~~

wherein selecting a signal edge position comprises:

selecting ~~an~~ a signal edge to move;

moving the selected signal edge; and

moving other signal edges relative to the selected signal edge.

27. (currently amended) A method of adjusting a signal timing circuit comprising:

programming a non-volatile fuse circuit;

selecting a signal propagation time length in response to the programmed non-volatile fuse circuit; and

selecting a signal edge position in response to the programmed non-volatile fuse circuit;

~~The method of claim 15,~~

wherein selecting a signal edge position comprises:

selecting a subset of signal edges to move; and

moving each of the selected signal edges at the same time.

28. (currently amended) A method of adjusting a signal timing circuit comprising:

programming a plurality of non-volatile fuses to store first data;

copying the first data from the plurality of non-volatile fuses to a plurality of latch circuits;

selecting a signal propagation time length in response to the first data stored in the plurality of latch circuits; and

selecting a signal edge position in response to the programmed non-volatile fuse circuit;

~~The method of claim 19,~~ wherein selecting edge position comprises:

selecting a single signal edge to move; and

moving the selected signal edge relative to other signal edges.

29. (currently amended) A method of adjusting a signal timing circuit comprising:  
programming a plurality of non-volatile fuses to store first data;  
copying the first data from the plurality of non-volatile fuses to a plurality of latch  
circuits;  
selecting a signal propagation time length in response to the first data stored in the  
plurality of latch circuits; and  
selecting a signal edge position in response to the programmed non-volatile fuse circuit;  
~~The method of claim 19,~~ wherein selecting edge position comprises:  
selecting ~~an~~ a signal edge to move;  
moving the selected signal edge; and  
moving other signal edges relative to the selected signal edge.

30. (currently amended) A method of adjusting a signal timing circuit comprising:  
programming a plurality of non-volatile fuses to store first data;  
copying the first data from the plurality of non-volatile fuses to a plurality of latch  
circuits;  
selecting a signal propagation time length in response to the first data stored in the  
plurality of latch circuits; and  
selecting a signal edge position in response to the programmed non-volatile fuse circuit;  
~~The method of claim 19,~~ wherein selecting edge position comprises:  
selecting a subset of signal edges to move; and  
moving each of the selected signal edges at the same time.

Please add new claims 31-40 as follows:

31. (new) The method of claim 26 wherein selecting the signal propagation time length comprises selectively coupling one or more capacitors to a propagation path of the signal timing circuit.

32. (new) The method of claim 26 wherein the non-volatile fuse circuit comprises a plurality of floating gate transistors.

33. (new) The method of claim 26 further comprises storing data from the non-volatile fuse circuit in a plurality of volatile latches.
34. (new) The method of claim 27 wherein selecting the signal propagation time length comprises selectively coupling one or more capacitors to a propagation path of the signal timing circuit.
35. (new) The method of claim 27 wherein the non-volatile fuse circuit comprises a plurality of floating gate transistors.
36. (new) The method of claim 27 further comprises storing data from the non-volatile fuse circuit in a plurality of volatile latches.
37. (new) The method of claim 29 wherein the wherein selecting the signal propagation time length comprises selectively coupling one or more capacitors to a propagation path of the signal timing circuit.
38. (new) The method of claim 29 wherein the non-volatile fuse circuit comprises a plurality of floating gate transistors.
39. (new) The method of claim 30 wherein the wherein selecting the signal propagation time length comprises selectively coupling one or more capacitors to a propagation path of the signal timing circuit.
40. (new) The method of claim 30 wherein the non-volatile fuse circuit comprises a plurality of floating gate transistors.